

Form 1449*	Atty. Docket No.: 103.009US1	Serial No. 09/313,048
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets, if necessary)	Applicant: Dennis A. Carson et al.	
	Filing Date: May 17, 1999	Group: 1611

U. S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
BS	3,594,378	07/20/1971	Laliberte et al.	260	251	10/24/69
BS	3,919,201	11/11/1975	Evans	260	240 J	10/29/73
BS	4,041,167	08/09/1977	Moser et al.	242	279	01/19/76
BS	4,103,016	07/25/1978	Moser et al.	424	270	12/22/76
BS	4,110,451	08/29/1978	Moser et al.	424	251	12/29/76
BS	4,111,693	09/05/1978	Wright et al.	96	1.6	12/22/76
BS	4,160,768	07/10/1979	Moser et al.	260	306.7 T	03/02/78
BS	4,175,961	11/27/1979	Wright et al.	430	58	04/03/78
BS	4,224,334	09/23/1980	Moser et al.	424	270	04/02/79
BS	4,593,095	06/03/1986	Snyder et al.	544	272	02/18/83
BS	4,769,377	09/06/1988	Snyder et al.	514	263	02/03/86
BS	4,996,208	02/26/1991	Lindner et al.	514	258	06/19/89
BS	5,521,181	05/28/1996	Meyer et al.	514	249	01/27/95
BS	5,599,813	02/04/1997	Matsumoto et al.	514	232.5	04/01/94
BS	5,792,767	08/11/1998	Meyer et al.	514	249	06/05/95

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
BS	0188150	07/23/1986	European	C07D	513/04	
BS	0348746	01/03/1990	European	C07D	513/04	
BS	0733633	09/25/1996	European	C07D	487/04	
BS	0849256	06/24/1998	European	C07C	235/60	
BS	2038922	03/04/1971	Germany	C07D	091/42	
BS	93/06090	04/01/1993	PCT	C07D	239/54	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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BS	Abdel-Fattah, A.M., et al., "Reactions with 6-Methyl-2-Thiouracil Synthesis of Dipyrimidino[2,1-b:1',2'-c]Thiazine. A New Ring System", <u>Phosphorus, Sulfur, and Silicon</u> , 72, pp. 145-156, (1992)
BS	Basyouni, W.M., et al., "Synthesis and Molluscicidal Properties of Some Newer Thiazoles and Their Thiazolo [5,4,-d] Pyrimidinone Derivatives", <u>Egypt. J. Biol.</u> , 17, pp. 91-102, (1995)
BS	Bruns, R.F., "Adenosine Antagonism by Purines, Pteridines and Benzopteridines in Human Fibroblasts", <u>Biochemical Pharmacology</u> , 30, pp. 325-333, (1981)

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BS	Flammang, R., et al., "Iminoethenethiones, RN==C==C==S: Characterization by Neutralization-Reionization Mass Spectrometry and G2(MP2) Theory", <u>Journal of the American Chemical Society</u> , 116 (5), pp. 2005-2013, (1994)
BS	Furrer, H., et al., "A new class of potent hypolipemic agents raising high-density lipoproteins. Synthesis, reactions and pharmacological properties", <u>Eur. J. Med. Chem.</u> , 29, pp. 819-829, (1994)
BS	Ghoneim, K.M., et al., "Study on the Formation of Thiazolopyrimidinediones and Pyrimidothiazinediones from 6-Methyl-2-thiouracil", <u>Polich. J. Chem.</u> , 72, pp. 1173-1177, (1997)
BS	Glennon, R.A., et al., "Alkylation Studies on 6-Ethyl-2,3-dihydrothiazolo-[3,2- α] pyrimidine-5,7-diones", <u>Journal of Heterocyclic Chemistry</u> , 16 (5), pp. 903-907, (July 1979)
BS	Goldman, I.M., "A Novel Thiazole Synthesis. 4,5,6,7-Tetrahydrothiazolo[4,5-d]pyrimidine-5,7-diones", <u>The Journal of Organic Chemistry</u> , 34 (11), pp. 3285-3289, (Nov. 1969)
BS	Grohe, K., et al., "Cycloacylierung von Enaminen, I Synthese von 2-Thiazolon-Derivaten", <u>Liebigs Ann. Chem.</u> , pp. 1018-1024, (1973) ✓
BS	Itoh, T., et al., "Synthesis of Some Tricyclic Heterocycles from 5,6-Diamino-1,3-dimethyluracil", <u>Chem. Pharm. Bull.</u> , 37 (8), pp. 2197-2199, (August 1989) *
BS	Kaul, R., et al., "2- ¹⁴ C-1-Allyl-3,5-diethyl-6-chlorouracil II: Isolation and Structures of the Major Sulfur-Free and Three Minor Sulfur-Containing Metabolites and Mechanism of Biotransformation", <u>Journal of Pharmaceutical Sciences</u> , 71 (8), pp. 897-900, (Aug. 1982)
BS	Kaul, R., et al., "Mechanism of Formation of SCH ₃ -Metabolites Investigated on the Biotransformation of 1-Allyl-3,5-Diethyl-6-Chlorouracil in Rabbits", <u>Chemopshere</u> , 10 (8), pp. 929-934, (1981)
BS	Komoriya, K., et al., "Characterization of Immunomodulating Action of TI-31 on Antibody Response in Mice", <u>J. Pharmacobio-Dyn.</u> , 14, pp. 443-447, (1991)

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BS	Lewis, A.F., et al., "Thiazolo[4,5-d]pyrimidines. Part I. Synthesis and Anti-Human Cytomegalovirus (HCMV) Activity in vitro of Certain Alkyl Derivatives", <u>J. Heterocyclic Chem.</u> , 32, pp. 547-556, (Mar-Apr. 1995)	✓
BS	Mbagwu, G.O., et al., "Carbon-13 Nuclear Magnetic Resonance Spectra of Some Mesoionic Xanthine Analogs", <u>Organic Magnetic Resonance</u> , 21 (9), pp. 527-531, (1983)	✓
BS	Mbagwu, G.O., et al., "Studies of Amine-Induced Ring Opening of Some Mesoionic Xanthines", <u>J. Heterocyclic Chem.</u> , 22, pp. 465-474, (1985)	✓
BS	Mizuno, Y., et al., "Synthesis of a Potential Antitumor Agent: 4-(β -D-Ribofuranosyl)-4,5,6,7-tetrahydrothiazolo[4,5-d]pyrimidine-5,7-dione (Thioanalog of 3-Isoxanthosine)", <u>Chem. Pharm. Bull.</u> , 22 (5), pp. 1198-1200, (1974)	✓
BS	Nagahara, K., et al., "Thiazolo[4,5-d]pyrimidine Nucleosides. The Synthesis of Certain 3- β -D-Ribofuranosylthiazolo[4,5-d]pyrimidines as Potential Immunotherapeutic Agents", <u>J. Med. Chem.</u> , 33, pp. 407-415, (1990)	✓
BS	Sen, D., et al., "Effect of Mesoionic Xanthine Analogs on <i>Trypanosoma musculi</i> Development in Mice", <u>J. Euk. Microbiol.</u> , 40 (3), pp. 259-262, (1993)	✓
BS	Sudhakar Rao, T., et al., "Synthesis of 4,6-Disubstituted-7- β -D-ribofuranosyl- and Arabinofuranosylpyrazolo[3,4-d]pyrimidines and Certain Related Ribonucleosides", <u>J. Heterocyclic Chem.</u> , 28, pp. 1779-1788, (1991)	✓
BS	Szajda, M., et al., "Reactions of 2-Thiothymine with Esters of Chloroacetic Acid", <u>Polish Journal of Chemistry</u> , 52, pp. 1027-1031, (1983)	✓
BS	Takahashi, H., et al., "A One-Step Synthesis of Glycosylaminoisothiazolo[3,4-d]pyrimidines and Glycosylaminoisothiazoles", <u>Chem. Pharm. Bull.</u> , 27 (5), pp. 1147-1152, (1979)	✓

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